

# Making a Water System in DOEHRs

## Water Systems are made of Water System Components (WSC):

For Deployments: Most systems consist of a Natural Water Source WSC that is either only disinfected and/or treated with filtration or reverse osmosis (Field Treatment System WSC). This water is then pumped through the site or transported in containers (Water Container WSC) and gravity feed to buildings. Some sites might pump host nation water (Municipal Water WSC) into a site's distribution system (Pipe Distribution WSC) if they do not produce it onsite, or transport water from another site or host nation municipal fill point to onsite containers.

For Garrisons: Essentially the same concept as above, but product water will be supplied to a formally constructed distribution system after municipal treatment. Therefore, it is important to *identify if there is one or multiple distribution systems on a single garrison*, and the water that feeds each distribution system.

### [1] Add the Water System Components (WSC).

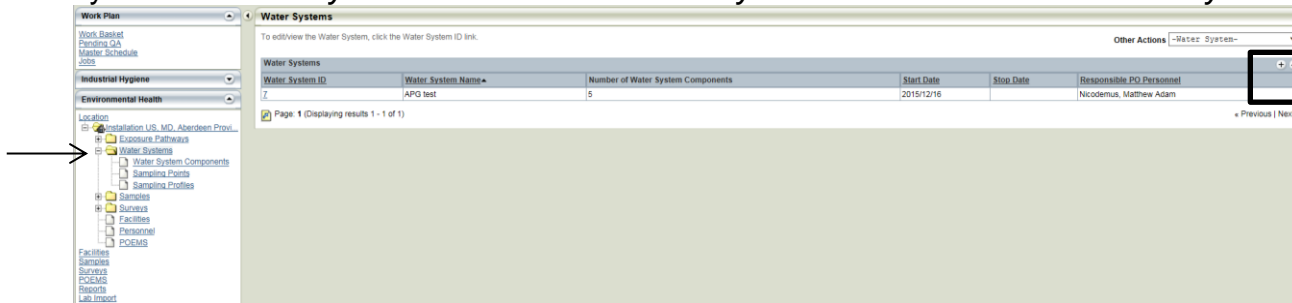
Component Type	Component Name	Responsible Program Office Personnel	Start Date	Stop Date
Pipe Distribution System	Baumholder CWB	Cater, Steven G	2012/06/27	
Municipal Water Source	Hooftaarden Sources	Cater, Steven G	2015/12/21	
Natural Water Source	Hooftaarden Wells 4 & 5	Cater, Steven G	2015/12/21	
Natural Water Source	Nahle River	Cater, Steven G	2015/12/21	
Natural Water Source	Phetebach Wells 1 & 2	Cater, Steven G	2015/12/21	
Municipal Water Source	Phetebach WTP	Cater, Steven G	2015/12/21	

Select the WSC to add the Program Office.

Each WSC will have a different 'Detail' page. Add the required fields. Save when finished. **Note:** When using the DoD Deployment Surveillance Program Office, add the Base Camp name as a prefix.

**Tip:** The gray text at the top of this page states that a WSC **will not show** in the list of WSC until it is associated a Water System, Sampling Point or Survey. *It will remain in the Program Office "behind the scenes" until used at a Location.*

[2] Once all the WSCs are added, add a Water System and associate those WSCs to it. Use the rest of the Water System form to document other attributes and documents about the system. *Note: Only users with the Water Survey QA role can add/edit a Water System.*



[3] Only the Name is required to obtain an ID, but the form should be populated with as much information as necessary. Start with toggling the applicable Water System Classification and WSCs that make up the system.

Associate the Components that have been added to the 'Water System Component' area.

[4] Use the Observations and Notes tile to add supporting documents about the system.

There are multiple document types to choose from. Select the date the document went into effect and a brief description of it.

[5] It may be helpful to document the last time a Water System Vulnerability Assessment was conducted. Only the date and who performed it are required, not the document itself because that it usually Classified.

Date of Last Water System Vulnerability Assessment ! Data must be UNCLASSIFIED !

There are currently no Water System Vulnerability Assessment dates.

**Date of Last Water System Vulnerability Assessment - Detail**

\* Indicates Required Field

Save Cancel

Date of Last Water System Vulnerability Assessment

Date \*  (yyyy/mm/dd)

Conducted By \*

Save Cancel

[6] Active Sampling Points associated to any of the WSCs in the Water System will be shown. Any Sampling Profiles used on a Routine Monitoring Task will also show. Use the Sampling – Overview Tasks module to build a static dashboard to **describe the optimal Sampling Plan** for the Water System. It can only be made with Active Sampling points.

**Active Sampling Points**

Building/Site	Sampling Point	Component Type	Component Name	Start Date	Location
APGS-EPTDS-B50	<a href="#">WTP-G-U-FT</a>	Pipe Distribution System	APG-South PDS	2014/03/07	Installation US, MD, Aberdeen Proving Ground, 24004
APGS-FD-E1677	<a href="#">ADO-G-U-WF</a>	Pipe Distribution System	APG-South PDS	2012/09/04	Installation US, MD, Aberdeen Proving Ground, 24004
APGS-PM-E1675	<a href="#">ADO-G-U-MR</a>	Pipe Distribution System	APG-South PDS	2012/09/04	Installation US, MD, Aberdeen Proving Ground, 24004
Test	<a href="#">Test 2</a>	Water Container	APG Water Container	2015/01/14	Installation US, MD, Aberdeen Proving Ground, 24004

**Sampling Profiles**

Sampling Profile Name	Sampling Profile Type	Start Date
<a href="#">USAKAHC Routine QA</a>	Microbiological	2014/03/07

**Sampling - Overview Tasks**

There are currently no associated Sampling Overview Tasks.

**Water System ID: 7**  
**Location:** Installation US, MD, Aberdeen Proving Ground, 24004

Save Cancel

**Sampling - Overview Task**

Building/Site/Sampling Point \*

Who is Responsible \*

Frequency \* ☐ Daily ☐ Weekly ☒ Monthly ☐ Every 1 Year(s)

Start Date \*  (yyyy/mm/dd)

Stop Date  (yyyy/mm/dd)

Save Cancel